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Baldemair et al.

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(54) **RESOURCE SIGNALING FOR PUCCH**

(71) Applicant: **Telefonaktiebolaget LM Ericsson**
(publ), Stockholm (SE)

(72) Inventors: **Robert Baldemair**, Solna (SE); **Erik Dahlman**, Stockholm (SE); **Sorour Falahati**, Stockholm (SE); **Stefan Parkvall**, Bromma (SE)

(73) Assignee: **Telefonaktiebolaget LM Ericsson**
(Publ) (SE)

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Primary Examiner — Omar J Ghowrwal

(74) *Attorney, Agent, or Firm* — Christopher & Weisberg, P.A.

(57)

ABSTRACT

There is disclosed a User Equipment, UE, for a Radio Access Network. The UE is adapted for transmitting acknowledgement signaling pertaining to downlink data, the downlink data having one or more downlink data elements. The acknowledgement signaling has an uplink signaling format including one or more acknowledgement substructures, each of the substructures carrying acknowledgement information pertaining to a downlink data element. Each of the acknowledgment substructures is mapped to a different of the downlink data elements based on at least one acknowledgement position indication provided in downlink control signaling received by the UE. The disclosure also pertains to related devices and methods.

18 Claims, 10 Drawing Sheets

